

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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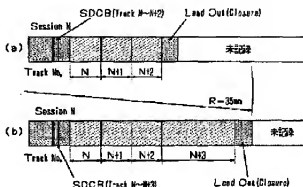
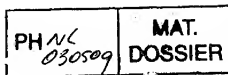
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APPLICANT : RICOH CO LTD;

INVENTOR : SASAKI HIROYUKI;

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TITLE : INFORMATION RECORDER



**ABSTRACT :** **PROBLEM TO BE SOLVED:** To provide an information recorder which assures normal reproduction of a fetched information recording medium by a DVD-ROM drive even when a recording data size is small, and is also capable of writing once by a multi-session system.

**SOLUTION:** When a session is requested to close, the information recorder judges the data recording size, and when the data recording size is smaller than a disk radius position  $R=35$  mm, the information recorder writes once a track (N+3) to record a dummy data so that a Lead-Out end address is the disk radius position  $R=35$  mm, and finally performs session close processing by adding Lead Out. Moreover, to satisfy (DVD+R) specification, SDBC is updated by adding the information of the track (N+3) thereto.

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